IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended) A power transmission chain provided over a first pulley having a sheave face with a conical surface shape and a second pulley having a sheave face with a conical surface shape, including:

a plurality of links having front and back insertion parts through which pins are inserted; and

a set of pins comprising a plurality of first pins and a plurality of second pins for connecting the links aligned in a chain width direction so as to be bendable in a longitudinal direction such that a front insertion part of one link and a back insertion part of another link correspond to each other, in which a first pin fixed to a front insertion part of one link and movably fitted in a back insertion part of another link and a second pin movably fitted in the front insertion part of the one link and fixed to the back insertion part of the other link move relatively in a rolling and contacting manner so as to enable bending in a longitudinal direction between the links,

wherein, the pins move downward at, and before, a biting position where the pins move from a linear part to a circular part contacting the pulley, and at least two kinds of said sets of pins are provided, in which loci of rolling contact movement of the first pin and the second pin are different in each of the kinds of sets of pins, and wherein one or another of said at least two kinds of sets of pins are arranged randomly in said plurality of links,

wherein a locus of a contact position of the first pin and the second pin is an involute of a circle, and a basic circle radius of an involute of the one of said two kinds of sets of pins is larger than a basic circle radius of an involute of the another of said two kinds of sets of pins.

whereby resonance caused by polygonal vibrations due to repetition of up and down movement of the pins is reduced.

Claim 2. (Previously Presented) The power transmission chain as claimed in claim 1, wherein two or more kinds of links having different pitches are provided, and one or another of said two or more kinds of links are arranged randomly in the power transmission chain.

Claim 3. (Previously Presented) The power transmission chain as claimed in claim 1 or 2, wherein the basic circle radius is Rb obtained by

$x = Rb \cdot (\sin \gamma - \gamma \cdot \cos \gamma)$, and

$y = Rb \cdot (\cos \gamma + \gamma \cdot \sin \gamma) - Rb$,

where a contact position of the first pin and the second pin in a chain linear part is an origin, a chain linear direction is an x axis, a direction orthogonal thereto is a y axis, and an angle defined by a pin tangential direction with respect to the y axis at a contact position of the first pin and the second pin in a chain curved part is γ.

Claim 4. (Original) The power transmission chain as claimed in claim 3, wherein the following relationships are established:

$Rb = k \cdot R$, and

$0.25 < k < 2r$, where,

when used as a chain for a CVT, a minimum radius of the chain curved part is R, and a transmission ratio of the CVT is r.

Claim 5. (Cancelled).

Claim 6. (Previously Presented) The power transmission chain as claimed in claim 2, wherein a basic circle radius of an involute of a link having a large pitch is larger than a basic circle radius of an involute of a link having a small pitch.

Claims 7-8. (Cancelled).

Claim 9. (Previously Presented) A power transmission device comprising:

a first pulley having a sheave face in a conical surface shape;

a second pulley having a sheave face in a conical surface shape; and

a power transmission chain provided over the first pulley and the second pulley, wherein the power transmission chain is one according to any of claims 1 or 2.

Claim 10. (Previously Presented) The power transmission chain as claimed in claim 1, wherein [basic circle radius of involute]/[height of pin] = 5 to 20.

Claims 11-13. (Cancelled).